

**Commonwealth of Kentucky
Energy and Environment Cabinet
Department for Environmental Protection
Division for Air Quality
200 Fair Oaks Lane, 1st Floor
Frankfort, Kentucky 40601
(502) 564-3999**

Draft

**AIR QUALITY PERMIT
Issued under 401 KAR 52:020**

Permittee Name: The Freeman Corporation
Mailing Address: P.O. Box 96, 415 Magnolia St., Winchester, KY
40392-0096

Source Name: The Freeman Corporation
Mailing Address: 415 Magnolia St.
Winchester, KY 40392-0096

Source Location: Magnolia St.

Permit: V-08-047
Agency Interest: 811
Activity: APE20080001
Review Type: Title V, Operating
Source ID: 21-049-00004

Regional Office: Frankfort Regional Office
643 Teton Trail, Suite B
Frankfort, KY 40601
(502) 564-3358

County: Clark

Application
Complete Date: January 21, 2009
Issuance Date:
Revision Date:
Expiration Date:

**John S. Lyons, Director
Division for Air Quality**

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	Permit type	Activity#	Complete Date	Issuance Date	Summary of Action
V-03-043	Initial		10/7/2001	5/21/2004	Initial Title V
V-08-047	Renewal	APE20080001	1/21/2009		Title V Renewal

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:020, Title V Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Wood-fired Boilers
Emission Units 11, 12, 13, and 15

Emission Unit 11

Wood-fired boiler # 1

Description:

Model: Wickes model 62755
Construction Date: 2/28/91
Fuel Input: 12.0 MMBtu/hr
Primary Fuel: wood waste
Controls: cyclone

Emission Unit 12

Wood-fired boiler #2

Description:

Model: Wickes model 61004
Construction Date: 5/29/91
Fuel Input: 10.0 MMBtu/hr
Primary Fuel: wood waste
Controls: cyclone

Emission Unit 13

Proposed Wood-fired boiler #4

Description:

Model: Sam English
Projected Construction Date: Indefinite
Fuel Input: 28.7 MMBtu/hr
Primary Fuel: wood waste
Controls: cyclone

Emission Unit 15

Wood-fired boiler #3

Description:

Model: Hurst
Construction Date: 8/31/96
Fuel Input: 28.7 MMBtu/hr
Primary Fuel: wood waste
Controls: cyclone

APPLICABLE REGULATIONS:

401 KAR 59:015, New Indirect Heat Exchangers, applicable with respect to particulate emissions and sulfur dioxide emissions to each affected facility with a capacity of 250 MMBtu/hr or less and commenced on or after April 9, 1972.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

401 KAR 60:005, Standards of Performance for New Stationary Sources, which incorporates by reference the federal regulation 40 CFR60 Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, applicable to each steam generating unit commenced after June 9, 1989 that has a maximum design heat input capacity between 10 MMBtu/hr and 100 MMBtu/hr.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to KAR 59:015 Section 4(1)(c), particulate emissions from each stack shall not exceed the following based on a 3-hour average:
- | | |
|-----------------------|---------------|
| for Emission Unit 11, | 0.43 lb/MMBtu |
| for Emission Unit 12, | 0.40 lb/MMBtu |
| for Emission Unit 15, | 0.36 lb/MMBtu |
- and for the proposed Emission Unit 13, 0.33 lb/MMBtu.

Compliance Demonstration Method:

The following table of emissions factors shall be used to show compliance with the PM emission limit:

Emission Unit #	Post Control Emission Factor (lbs PM / MMBtu)
11	0.192**
12	0.243**
13	0.35*
15	0.226**

* = Post control emission factor from AP-42, Section 1.6

** = Post control emission factor from recent stack testing

- b. Pursuant to 401 KAR 59:015 Section 4(2)(b), opacity emissions shall not exceed 20% except that a maximum of forty (40)% opacity shall be permissible for not more than 6 consecutive minutes in any 60 consecutive minutes during cleaning the fire box or blowing soot.
- c. Pursuant to 401 KAR 59:015 Section 4(2)(c), opacity emissions shall not exceed 20 % except for emissions during building a new fire for the period required to bring the boiler up to operating conditions provided the method used is that recommended by the manufacturer and the time does not exceed the manufacturer's recommendations.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- d. Pursuant to 401 KAR 59:015 Section 5(1)(c)2., sulfur dioxide emissions from each stack shall not exceed the following based on a 24-hour average:
- | | |
|-----------------------|--|
| for Emission Unit 11, | 3.01 lb/MMBtu |
| for Emission Unit 12, | 1.91 lb/MMBtu |
| for Emission Unit 15, | 2.17 lb/MMBtu and for the proposed Emission Unit 13, |
| | 1.89 lb/MMBtu |

Compliance Demonstration Method:

Compliance with sulfur dioxide emissions standards will be assumed while burning wood waste.

3. Testing Requirements:

- a. Pursuant to 401 KAR 50:045 Section 1, the permittee shall conduct a stack test on each wood-fired boiler for particulate matter and particulate matter smaller than 10 microns by the start of the fourth year of this permit or within five years from the last stack test, whichever comes first. See Section G. 5.
- b. The permittee shall determine the opacity of emissions from each stack using U.S. EPA Reference Method 9 in accordance with Subsection 4b, Specific Monitoring Requirements.

4. Specific Monitoring Requirements:

- a. Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of wood material combusted for each wood-fired boiler on a monthly basis.
- b. Pursuant to 401 KAR 52:020 Section 26, the permittee shall perform a qualitative visual observation of the emissions from each stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen, (not including condensed water vapor within the plume) then the opacity shall be determined by U.S. EPA Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for any necessary repairs.

5. Specific Recordkeeping Requirements:

- a. Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the amount of wood material, by ton, burned in each wood-fired boiler on a monthly basis.
- b. Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of weekly qualitative visual opacity readings for each stack, as well as the opacity readings taken by U.S. EPA Reference Method 9, if taken, and also any repairs or modifications that were made as a result of any opacity reading which exceeded the standard.

6. Specific Reporting Requirements:

See Section F, Conditions 5,6,7,8, and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 09

Natural Gas-fired Indirect Heat Exchanger

Description:

Model: North American
Construction Date: April 30, 1979
Fuel Input: 6.3 MMBtu/hr
Primary Fuel: natural gas

APPLICABLE REGULATIONS:

401 KAR 59:015, New Indirect Heat Exchangers, to affected facilities with a capacity of 250 MMBtu/hr or less and commenced on or after April 9, 1972.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to KAR 59:015 Section 4(1)(c), particulate emissions shall not exceed 0.56 lb/MMBtu based on a 3-hour average.
- b. Pursuant to 401 KAR 59:015 Section 4(2)(b), opacity emissions shall not exceed 20% except that a maximum of forty (40) % opacity shall be permissible for not more than 6 consecutive minutes in any 60 consecutive minutes during cleaning the fire box or blowing soot.
- c. Pursuant to 401 KAR 59:015 Section 4(2)(c), opacity emissions shall not exceed 20 % except for emissions during building a new fire for the period required to bring the boiler up to operating conditions provided the method used is that recommended by the manufacturer and the time does not exceed the manufacturer's recommendations.
- d. Pursuant to 401 KAR 59:015 Section 5(1)(c)2., sulfur dioxide emissions shall not exceed 3.0 lb/MMBtu based on a 24-hour average.

Compliance Demonstration Method:

While burning natural gas, this unit is assumed to be in compliance with the PM, SO₂, and opacity standards.

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of natural gas combusted on a monthly basis.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain the records of the amount of natural gas combusted on a monthly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8 and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 05

Lumber Yard Boiler

Description:

Model: Unknown

Construction Date: November 30, 1989

Fuel Input: 4.0 MMBtu/hr

Primary Fuel: natural gas

Secondary Fuel: 28.6 gallons/hr of distillate oil (No.1 or No.2)

APPLICABLE REGULATIONS:

401 KAR 59:015, New Indirect Heat Exchangers, applicable to affected facilities with a capacity of 250 MMBtu/hr or less and commenced on or after April 9, 1972.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to KAR 59:015 Section 4(1)(c), particulate emissions for each stack shall not exceed 0.56 lb/MMBtu based on a 3-hour average.
- b. Pursuant to 401 KAR 59:015 Section 4(2)(b), opacity emissions shall not exceed 20% except that a maximum of forty % opacity shall be permissible for not more than 6 consecutive minutes in any 60 consecutive minutes during cleaning the fire box or blowing soot.
- c. Pursuant to 401 KAR 59:015 Section 4(2)(c), opacity emissions shall not exceed 20 % except for emissions during building a new fire for the period required to bring the boiler up to operating conditions provided the method used is that recommended by the manufacturer and the time does not exceed the manufacturer's recommendations.
- d. Pursuant to 401 KAR 59:015 Section 5(1)(c)2., sulfur dioxide emissions for each stack shall not exceed 2.29 lb/MMBtu based on a 24-hour average.

Compliance Demonstration Method:

While burning natural gas, this unit is assumed to be in compliance with the PM, SO₂, and opacity standards.

While burning distillate fuel oil, compliance will be demonstrated by the following methods:

- a. For compliance with the PM emission limit, an emission factor of 2.0016 lb PM / 1000 gallons of distillate oil shall be used, based on AP-42, Section 1.3 emission factors.
- b. For compliance with the visible emissions limit, see Subsection 3, Testing Requirements, and Subsection 4, Specific Monitoring Requirements.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- c. Compliance with the sulfur dioxide standard shall be based on AP-42, Section 1.3 emission factors, and may be demonstrated by calculating sulfur dioxide emissions using the following formula:

$$\text{lbs SO}_2 / \text{MMBtu} = (\text{142 lbs SO}_2 / \text{1000 gallons} \times \text{percent sulfur in distillate fuel oil from each shipment of distillate fuel oil combusted, based on vendor certification}) \text{ divided by } \text{140 MMBtu} / \text{1000 gallons}.$$

3. Testing Requirements:

See Subsection 4c.

4. Specific Monitoring Requirements:

- a. Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the percent sulfur in each shipment of distillate fuel oil received, based on the certification from the fuel supplier, and use that parameter to determine compliance with the sulfur dioxide emission limit.
- b. Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of fuel combusted on a monthly basis.
- c. Pursuant to 401 KAR 52:020 Section 26, when burning distillate fuel oil, the permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emission from the stack are seen, (not including condensed water vapor within the plume) then the opacity shall be determined by U.S. EPA Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated for any necessary repairs.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the following:

- a. Certification from the fuel supplier of the sulfur content of distillate fuel oil of each shipment of fuel oil received.
- b. The amount of fuel combusted on a monthly basis.
- c. The opacity determined by U.S. EPA Reference Method 9, when taken, and any documentation of any repairs that were made due to any opacity reading which exceeded the standard.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8 and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 37

Joiner / Gluer

Description:

Model: Fisher Ruckle FL7 & crossfeed splicers; Rees dust collector

Construction date: 11/31/2001

Material Input: 4000 sq. ft. / hr

APPLICABLE REGULATIONS:

401 KAR 59:010, New Process Operations, applicable to affected facilities or sources associated with a process operation which are not subject to another emission standard with respect to particulates in 401 KAR 59, commenced on or after July 2, 1975.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401KAR 59:010 Section 3(2), particulate emissions shall not exceed $[3.59(P)^{0.62}]$ lbs / hour, where P is the processing rate in tons / hour of wood input based on a 3-hour average.
- b. Pursuant to 401 KAR 59:010 Section 3(1)(a), continuous emissions shall not exceed 20% opacity based on a 6 minute average.

Compliance Demonstration Method:

The Emission Factor for Particulate Matter shall be 0.00197 lb / sq. ft. of dried veneer sheets processed.

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

- a. Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the veneer production rate and hours of operation on a monthly basis.
- b. Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount and type of adhesive substances used on a monthly basis.

5. Specific Recordkeeping Requirements:

- a. Pursuant to 401 KAR 52:020 Section 26, the permittee shall keep records of the amount of veneer processed on a monthly basis.
- b. Pursuant to 401 KAR 52:020 Section 26, the permittee shall keep records of the amount and type of adhesive substances used on a monthly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8, and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 48

Nicholson Chipper

Description:

Model: home-made

Construction Date: 4/30/1988

Material Input Capacity: 80,000 sq. ft. / hr

Discharge Rate: 0.16 lbs of sawdust PM per hour

APPLICABLE REGULATIONS:

401 KAR 59:010, New Process Operations, applicable to affected facilities or sources associated with a process operation which are not subject to another emission standard with respect to particulates in 401 KAR 59, commenced on or after July 2, 1975.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401KAR 59:010 Section 3(2), particulate emissions shall not exceed $[3.59(P)^{0.62}]$ lbs / hour, where P is the processing rate in tons / hour of wood input to the machines based on a 3 hour average.
- b. Pursuant to 401 KAR 59:010 Section 3(1)(a), any continuous emissions shall not exceed 20% opacity based on a 6 minute average.

Compliance Demonstration Method:

Compliance will be demonstrated by good operating procedures.

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the veneer clippings production rate and hours of operation on a monthly basis.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the tons of veneer clippings produced and hours of operation on a monthly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8, and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 10

Haul Roads and Log Yard

Description:

Paved and unpaved haul roads
with unpaved log yard traveled
over by loaders and log trucks
Installation Date: 1967

APPLICABLE REGULATIONS:

401 KAR 63:010, Fugitive Emissions, applicable to each affected facility which emits or may emit fugitive emissions and is not elsewhere subject to an opacity standard within the administrative regulations of the Division of Air Quality.

1. Operating Limitations:

Pursuant to 401 KAR 63:010, Section 3, reasonable precautions shall be taken to prevent particulate matter from becoming airborne. Such reasonable precautions shall include, when applicable, but not limited to the following:

- a. Application and maintenance of asphalt, oil, water, or suitable chemicals on roads, material stockpiles, and other surfaces which can create airborne dusts;
- b. Covering, at all times when in motion, open bodied trucks transporting materials likely to become airborne;
- c. The maintenance of paved roads in a clean condition; and
- d. The prompt removal of earth or other material from a paved street which earth or other material has been transported thereto by trucking or earth moving equipment or erosion by water.

2. Emission Limitations:

Pursuant to 401 KAR 63:010, Section 3, discharge of visible fugitive dust emissions beyond the property line is prohibited.

Compliance Demonstration Method:

Compliance will be demonstrated by good operating procedures.

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of raw materials and final products to estimate vehicle miles traveled for use in AP-42 emission calculations for paved and unpaved roadways (includes log yard).

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

5. Specific Recordkeeping Requirements:

- a. Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the calculations to determine the fugitive emissions from paved and unpaved roads with all data used in the calculations. Emission calculations shall be based on the most current AP-42 emission factors for paved and unpaved roadways for that year.
- b. Pursuant to 401 KAR 52:020 Section 26, the permittee shall keep a log of the reasonable precautions taken to prevent particulate matter from becoming airborne on a weekly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8 and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 42

Chip Unloading from Storage to Boilers

Description:

Freeman-built storage container and conveyors

Maximum Rated Production: 2.21 tons/hr of wood waste

Installation Date: 1997

Control Device: Partial containment

APPLICABLE REGULATIONS:

401 KAR 63:010, Fugitive Emissions, applicable to each affected facility which emits or may emit fugitive emissions and is not elsewhere subject to an opacity standard within the administrative regulations of the Division for Air Quality.

1. Operating Limitations:

Pursuant to 401 KAR 63:010, Section 3, reasonable precautions shall be taken to prevent particulate matter from becoming airborne. Such reasonable precautions shall include, when applicable, but not be limited to, the use of water sprays or other measures to suppress the dust emissions during handling.

2. Emission Limitations:

Pursuant to 401 KAR 63:010, Section 3, discharge of visible fugitive dust emissions beyond the property line is prohibited.

Compliance Demonstration Method:

Compliance will be demonstrated by good operating procedures.

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of wood waste unloaded on a monthly basis.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the amount of wood waste unloaded on a monthly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8 and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EMISSION UNITS WHICH CONTRIBUTE TO CYCLONE 1

CYCLONE 1 # 44

ROTARY VENEER CHIPPER # 34

VENEER MILL HOG # 21

SLICING MACHINES # 22 – 25b

FLITCH RIPS AW # 26

Emission Unit 44

Cyclone 1

Description:

Associated Metal Works size 42 cyclone and fan

Maximum Rated Production: 2671 lb/hr of chips

Installation Date: 4/15/2006

Emission Unit 34

Rotary Veneer Chipper

Description:

Black Clawson chipper and infeed conveyor system

Maximum Rated Production: 2239 lb/hr of wood waste

Installation Date: 2/28/1995

Emission Unit 21

Veneer Mill Hog

Description:

Lamb hog / chipper

Maximum Rated Production: 72 Doyle ft / hr of sliced veneer waste

Installation Date: 4/15/2008

Emission Unit 22

Slicing Machine 1

Description:

Capital half round 154" slicer

Maximum Rated Production: 250 Doyle ft / hr

Installation Date: 6/30/1986

Emission Unit 23

Slicing Machine 2

Description:

Capital slicer 165"

Maximum Rated Production: 270 Doyle ft / hr

Installation Date: 3/30/1967

Emission Unit 24

Slicing Machine 3

Description:

Capital slicer 165"

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Maximum Rated Production: 270 Doyle ft / hr
Installation Date: 7/30/1979

Emission Unit 25a Slicing Machine 4

Description:

Fezer Slicer 192"
Maximum Rated Production: 270 Doyle ft / hr
Installation date: 4/1/2004

Emission Unit 25b Slicing Machine 5

Description:

Fezer Half Round FV54
Maximum Rated Production: 313 Doyle ft / hr
Installation date: 6/23/2000

Emission Unit 26 Flitch Ripsaw

Description:

Homemade rip saw and underground conveyor
Maximum Rated Production: 2300 Doyle ft / hr
Installation date: 2000

APPLICABLE REGULATIONS:

401 KAR 59:010, New Process Operations, applicable to affected facilities or sources associated with a process operation which are not subject to another emission standard with respect to particulates in 401 KAR 59, commenced on or after July 2, 1975.

401 KAR 61:020, Existing Process Operations, applicable to affected facilities or sources associated with a process operation which are not subject to another emission standard with respect to particulates in 401 KAR 61, commenced before July 2, 1975. Applicable only to Emission Unit 23.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401 KAR 59:010, Section 3(1)(a), emissions from the stack of emission unit 44 shall not exceed 20% opacity.
- b. Pursuant to 401 KAR 59:010, Section 3(2), particulate emissions from the stack of emission unit 44 shall not exceed 11.56 lb / hr based on a 3hour average.
- c. Pursuant to 401 KAR 61:020, Section 3(1)(a), emissions from Emission Unit 23 shall not exceed 40% opacity.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

- d. Pursuant to 401 KAR 61:020 Section 3(2), particulate emissions from the stack of emission unit 23 shall not exceed 2.20 lb / hr based on a 3hour average.

Compliance Demonstration Method:

Compliance with particulate matter standards may be demonstrated by the following formula:

$$EF = (0.381 * \text{lb wood waste} / \text{Doyle ft.}) \times (\text{sum of Doyle feet of veneer input to emission units}) / (2000 \text{ lb} / \text{ton}) \times (0.5 * \text{lb of PM emissions per ton of wood waste input to cyclone})$$

* = submitted emission rates from application

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of veneer processed on a monthly basis.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the amount of veneer processed on a monthly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8 and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EMISSION UNITS WHICH CONTRIBUTE TO CYCLONE 2

CYCLONE 2 # 45

DEBARKER # 14a

FLITCH MILL # 14b

SKINNING LINE # 18

FLITCH CUTOFF SAW # 19

PLANER AND GROOVER # 20

Emission Unit 45

Cyclone 2

Description:

Manuf. Unknown, size 38

Maximum Rated Production: 996 lb/hr of wood waste

Installation Date: 11/22/2008

Emission Unit 14a

Debarker

Description:

NTF butt-end reducer and Nicholson A-5 debarker

Maximum Rated Production: 3400 Doyle ft / hr

Installation Date: 2/26/2006

Emission Unit 14b

Flitch Mill

Description:

Cremona SAT model 5200

Maximum Rated Production: 1428 Doyle ft / hr

Installation Date: 7/31/1990

Emission Unit 18

Skinning Line 1

Description:

Air angle grinders with knotter heads

Maximum Rated Production: 1295 Doyle ft / hr

Installation Date: 4/30/1967

Emission Unit 19

Flitch Cutoff Saw

Description:

48" diam. Homemade saw

Maximum Rated Production: 1256 Doyle ft / hr

Installation Date: 3/31/1991

Emission Unit 20

Planer and Groover

Description:

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

48" diam. Homemade saw

Maximum Rated Production: 1201 Doyle ft / hr

Installation Date: 7/16/1991

APPLICABLE REGULATIONS:

401 KAR 59:010, New Process Operations, applicable to affected facilities or sources associated with a process operation which are not subject to another emission standard with respect to particulates in 401 KAR 59, commenced on or after July 2, 1975.

401 KAR 61:020, Existing Process Operations, applicable to affected facilities or sources associated with a process operation which are not subject to another emission standard with respect to particulates in 401 KAR 61, commenced before July 2, 1975. Applicable only to Emission Unit 18.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401 KAR 59:010, Section 3(1)(a), emissions from the stack of emission unit 45 shall not exceed 20% opacity.
- b. Pursuant to 401 KAR 59:010, Section 3(2), particulate emissions from the stack of emission unit 45 shall not exceed 17.21 lb / hr based on a 3-hour average.
- c. Pursuant to 401 KAR 61:020, Section 3(1)(a), emissions from the stack of emission unit 18 shall not exceed 40% opacity.
- d. Pursuant to 401 KAR 61:020 Section 3(2), particulate emissions from the stack of emission unit 18 shall not exceed 6.28 lb / hr based on a 3-hour average.

Compliance Demonstration Method:

Compliance with particulate matter standards may be demonstrated by the following formula:

$$EF = (0.196^* \text{ lb wood waste / Doyle ft.}) \times (\text{sum of Doyle feet of veneer input to emission units}) / (2000 \text{ lb / ton}) \times (0.5^{**} \text{ lb of PM emissions per ton of wood waste input to cyclone})$$

* = average of submitted emission rates from application

** = submitted emission rate for cyclone from application

3. Testing Requirements:

None

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of lumber processed on a monthly basis.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the amount of lumber processed on a monthly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8 and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EMISSION UNITS WHICH CONTRIBUTE TO CYCLONE 3

CYCLONE 3 # 46

ROTARY PEELER # 32

ROTARY CORE CHIPPER # 47

Emission Unit 46

Cyclone 3

Description:

Manuf. Unknown, size 22

Maximum Rated Production: 1332 lb/hr of wood waste

Installation Date: 9/15/2006

Emission Unit 32

Rotary Peeler

Description:

Coe M249 66" lathe with XY charger

Maximum Rated Production: 1733 Doyle ft / hr

Installation Date: 11/31/1991

Emission Unit 47

Rotary Core Chipper

Description:

Morebark "Chip-Pack" 46" disk chipper

Maximum Rated Production: 237 Doyle ft / hr

Installation Date: 9/15/2006

APPLICABLE REGULATIONS:

401 KAR 59:010, New Process Operations, applicable to affected facilities or sources associated with a process operation which are not subject to another emission standard with respect to particulates in 401 KAR 59, commenced on or after July 2, 1975.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401 KAR 59:010, Section 3(1)(a), emissions from the stack of emission unit 46 shall not exceed 20% opacity.
- b. Pursuant to 401 KAR 59:010, Section 3(2), particulate emissions from the stack of emission unit 46 shall not exceed 17.63 lb / hr based on a 3-hour average.

Compliance Demonstration Method:

Compliance with particulate matter standards may be demonstrated by the following formula:

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

$$EF = (0.538 * \text{lb wood waste} / \text{Doyle ft.}) \times (\text{sum of Doyle feet of veneer input to emission units}) / (2000 \text{ lb} / \text{ton}) \times (0.5 ** \text{ lb of PM emissions per ton of wood waste input to cyclone})$$

* = only submitted emission rate from application

** = submitted emission rate for cyclone from application

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of lumber processed on a monthly basis.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the amount of lumber processed on a monthly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8 and 9.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EMISSION UNITS WHICH CONTRIBUTE TO CYCLONE 4

**CYCLONE 4 # 08
CLIPPING CHIPPER # 7**

Emission Unit 08

Cyclone 4

Description:

Manuf. Unknown, size 20

Maximum Rated Production: 605 lb/hr of wood waste

Installation Date: 9/15/2006

Emission Unit 7

Clipping Chipper

Description:

3 clipping lines consisting of:

RFR side clippers

Capital end clipper

Cremona side clipper

Cremona end clippers

infeed tables

under floor conveyor belt

Capital hog / chipper

Maximum Rated Production: 90,000 sq. ft / hr of thin veneer

Installation Date: 7/30/1979

APPLICABLE REGULATIONS:

401 KAR 59:010, New Process Operations, applicable to affected facilities or sources associated with a process operation which are not subject to another emission standard with respect to particulates in 401 KAR 59, commenced on or after July 2, 1975.

1. Operating Limitations:

None

2. Emission Limitations:

- a. Pursuant to 401 KAR 59:010, Section 3(1)(a), emissions from the stack of emission unit 08 shall not exceed 20% opacity.
- b. Pursuant to 401 KAR 59:010, Section 3(2), particulate emissions from the stack of emission unit 08 shall not exceed 1.71 lb / hr based on a 3-hour average.

Compliance Demonstration Method:

Compliance with particulate matter standards may be demonstrated by the following formula:

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

$$EF = (0.0067 * \text{lb wood waste} / \text{sq. ft. of thin veneer}) \times (\text{square feet of thin veneer input to emission unit} / 7) / (2000 \text{ lb} / \text{ton}) \times (2.0 ** \text{ lb of PM emissions per ton of wood waste input to cyclone})$$

* = submitted emission rate from application

** = submitted emission rate for cyclone from application

3. Testing Requirements:

None

4. Specific Monitoring Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall monitor the amount of lumber processed on a monthly basis.

5. Specific Recordkeeping Requirements:

Pursuant to 401 KAR 52:020 Section 26, the permittee shall maintain records of the amount of lumber processed on a monthly basis.

6. Specific Reporting Requirements:

See Section F, Conditions 5, 6, 7, 8 and 9.

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:020, Section 6. Although these activities are designated as insignificant the permittee must comply with the applicable regulation. Process and emission control equipment at each insignificant activity subject to an opacity standard shall be inspected monthly and a qualitative visible emissions evaluation made. Results of the inspection, evaluation, and any corrective action shall be recorded in a log.

	<u>Description</u>	<u>Generally Applicable Regulation</u>
1.	Crating Trim Saw	401 KAR 59:010
2.	Six Indirect Heated Veneer Dryers	401 KAR 59:010
3.	Log Cooking Vats, Sliced	401 KAR 59:010
4.	Log Cooking Vats, Rotary	401 KAR 59:010
5.	Hot Box Warmers	NA
6.	Sawdust Unloading into and from Silo	401 KAR 59:010

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26; compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. Emissions of Carbon Monoxide, Sulfur Dioxide, Oxides of Nitrogen, Volatile Organic Compounds, Particulate Matter, and Particulate Matter smaller than 10 microns, measured by applicable reference methods, or an equivalent or alternative method specified in 40 C.F.R. Chapter I, or by a test method specified in the state implementation plan, shall not exceed the respective limitations specified herein.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b-IV-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place as defined in this permit, and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [Sections 1b-IV-2 and 1a-8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
3. In accordance with the requirements of 401 KAR 52:020 Section 3(1)h the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
 - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
 - b. To access and copy any records required by the permit;
 - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Sections 1b-V-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:020 Section 23. If continuous emission and opacity monitors are required by regulation or this permit, data shall be reported in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401 KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.
8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above) to the Regional Office listed on the front of this permit within 30 days. Deviations from permit requirements, including those previously reported under F.7 above, shall be included in the semiannual report required by F.6 [Sections 1b-V, 3 and 4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
9. Pursuant to 401 KAR 52:020, Permits, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit and the U.S. EPA in accordance with the following requirements:
 - a. Identification of the term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period.
 - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- f. The certification shall be postmarked by January 30th of each year. Annual compliance certifications shall be mailed to the following addresses:

Division for Air Quality
Frankfort Regional Office
643 Teton Trail, Suite B
Frankfort, KY 40601-1758

U.S. EPA Region 4
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St.
Atlanta, GA 30303-8960

Division for Air Quality
Central Files
200 Fair Oaks Lane, 1st Floor
Frankfort, KY 40601

10. In accordance with 401 KAR 52:020, Section 22, the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KYEIS emission survey is mailed to the permittee.

SECTION G - GENERAL PROVISIONS**1. General Compliance Requirements**

- a. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:020 Section 3(1)(b) and a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to termination, revocation and reissuance, revision or denial of a permit [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020 Section 26].
- b. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a-6 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- c. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - (1) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:020, Section 12;
 - (2) The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - (3) The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;
 - (4) New requirements become applicable to a source subject to the Acid Rain Program.

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

- d. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the conditions of this permit [Sections 1a- 7 and 8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- e. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:020 Section 3(1)(c)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

- f. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:020, Section 7(1)].
- g. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-14 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- h. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- i. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens. [Section 1a-15-b of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- j. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a-10 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- k. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:020, Section 11(3) 2.].
- l. This permit does not convey property rights or exclusive privileges [Section 1a-9 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- m. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Cabinet or any other federal, state, or local agency.
- n. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry [401 KAR 52:020, Section 11(3) 4.].
- o. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders [401 KAR 52:020, Section 11(3) 1.].

SECTION G - GENERAL PROVISIONS (CONTINUED)

- p. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic Minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.
- q. Pursuant to 401 KAR 52:020, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
 - (1) Applicable requirements that are included and specifically identified in the permit and
 - (2) Non-applicable requirements expressly identified in this permit.

2. Permit Expiration and Reapplication Requirements

- a. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:020, Section 12].
- b. The authority to operate granted shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:020 Section 8(2)].

3. Permit Revisions

- a. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:020, Section 14(2).
- b. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

4. Construction, Start-Up, and Initial Compliance Demonstration Requirements

No construction is authorized by this permit.

SECTION G - GENERAL PROVISIONS (CONTINUED)**5. Testing Requirements**

- a. Pursuant to 401 KAR 50:045 Section 2, a source required to conduct a performance test shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least Thirty (30) days prior to the test.
- b. Pursuant to 401 KAR 50:045 Section 5, in order to demonstrate that a source is capable of complying with a standard at all times, any required performance test shall be conducted under normal conditions that are representative of the source's operations and create the highest rate of emissions. If [When] the maximum production rate represents a source's highest emissions rate and a performance test is conducted at less than the maximum production rate, a source shall be limited to a production rate of no greater than 110 percent of the average production rate during the performance tests. If and when the facility is capable of operation at the rate specified in the application, the source may retest to demonstrate compliance at the new production rate. The Division for Air Quality may waive these requirements on a case-by-case basis if the source demonstrates to the Division's satisfaction that the source is in compliance with all applicable requirements.
- c. Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.

6. Acid Rain Program Requirements

If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

7. Emergency Provisions

- a. Pursuant to 401 KAR 52:020 Section 24(1), an emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
 - (1) An emergency occurred and the permittee can identify the cause of the emergency;

SECTION G - GENERAL PROVISIONS (CONTINUED)

- (2) The permitted facility was at the time being properly operated;
 - (3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
 - (4) Pursuant to 401 KAR 52:020, 401 KAR 50:055, and KRS 224.01-400, the permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
 - (5) This requirement does not relieve the source of other local, state or federal notification requirements.
- b. Emergency conditions listed in General Condition G.7.a above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:020, Section 24(3)].
- c. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:020, Section 24(2)].

8. Ozone Depleting Substances

- a. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
- (1) Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - (2) Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - (3) Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - (4) Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166
 - (5) Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - (6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
- b. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION G - GENERAL PROVISIONS (CONTINUED)

9. Risk Management Provisions

- a. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center
P.O. Box 1515
Lanham-Seabrook, MD 20703-1515.

- b. If requested, submit additional relevant information to the Division or the U.S. EPA.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None